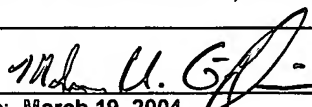



UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 15555-0032 Named Inventor(s) Hull, et al. Title Slope Predictive Control and Digital PID Control for a Variable Temperature Control System Express Mail Label No. EL 972592917 US
APPLICATION ELEMENTS 1. <input checked="" type="checkbox"/> Fee Transmittal Form <small>(Submit an original, and a duplicate for fee processing)</small> 2. <input type="checkbox"/> Applicant claims small entity status. <small>See 37 CFR 1.27.</small> 3. <input checked="" type="checkbox"/> Specification, Claims, and Abstract Total Pages 31 4. <input checked="" type="checkbox"/> Drawings Total Sheets 5 5. Oath or Declaration Total Pages a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 19 completed)</small> (i) <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 6. <input type="checkbox"/> Incorporation by Reference <small>(usable if Box 5b is checked)</small> The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. 7. <input type="checkbox"/> Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i). <input type="checkbox"/> Form PTO/SB/35 8. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 9. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)	ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 10. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies 11. <input type="checkbox"/> Assignment: a. <input type="checkbox"/> Assignment Papers (cover sheet & document(s)) b. <input type="checkbox"/> Assignment is of record in parent application No. 12. <input type="checkbox"/> 37 CFR 3.73(b) Statement <small>(when there is an assignee)</small> <input type="checkbox"/> Power of Attorney by assignee 13. <input type="checkbox"/> English Translation Document (if applicable) 14. <input type="checkbox"/> Information Disclosure Statement (IDS) PTO- 1449 <input type="checkbox"/> Copies of IDS Citations (1 reference) 15. <input type="checkbox"/> Preliminary Amendment 16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small> 17. <input type="checkbox"/> Certified Copy of Priority Document(s) 18. <input checked="" type="checkbox"/> Other: The entire contents of application Serial Nos. 10/425,136 and 09/850,422 are hereby incorporated by reference.	
19. If a CONTINUING APPLICATION , check appropriate box and supply the requisite information and in a preliminary amendment, or in an Application Date Sheet under 37 CFR 1.76: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input checked="" type="checkbox"/> Continuation-in-part (CIP) of prior application Nos: 10/425,136 and 09/850,422 Prior application information: Examiner: William E. Wayner Group Art Unit: 3744 Recite complete dependency back to first parent application: This application is a continuation-in-part of U.S. Serial No. 10/425,136 filed April 28, 2003, which is a continuation of U.S. Serial No. 09/850,422 filed May 7, 2001, now U.S. Patent No. 6,554,198.		
20. CORRESPONDENCE ADDRESS: Malvern U. Griffin III SUTHERLAND ASBILL & BRENNAN LLP 999 Peachtree Street, NE Atlanta, Georgia 30309-3996 By:  Date: March 19, 2004 Telephone: 404-853-8000 Facsimile: 404-853-8233 Reg. No. 38.899		

I hereby certify that this correspondence is being deposited with the United States Postal Service in an Express Mail envelope
 (EL972592917US) addressed to: Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450 this 19th day of
 March 2004.


 Rebecca L. Smith

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FEE TRANSMITTAL

Attorney Docket No. 15555-0032

This sheet accompanies a patent application transmittal for the following application:

Inventor(s): Hull, et al.
Filing Date: March 19, 2004
Serial No.: Not Yet Assigned
Title: Slope Predictive Control and Digital PID Control for a Variable Temperature Control System

The filing fee is calculated as shown below:

1. FILING FEE:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input checked="" type="checkbox"/> UTILITY FILING FEE	\$385		\$770	\$770
<input type="checkbox"/> DESIGN FILING FEE	\$170		\$340	
<input type="checkbox"/> PLANT FILING FEE	\$265		\$530	
<input type="checkbox"/> REISSUE FILING FEE	\$385		\$770	
<input type="checkbox"/> PROVISIONAL FILING FEE	\$80		\$160	
SUBTOTAL (1)				\$770

2. CLAIMS:

SMALL ENTITY				LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
TOTAL CLAIMS	20 - 20 =	0	x 9 =		x 18 =	
INDEP. CLAIMS	4 - 3 =	0	x 42 =		x 84 =	\$84
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED			+140 =		+280 =	
SUBTOTAL ()						\$84

3. ADDITIONAL FEES:

SMALL ENTITY			LARGE ENTITY	
FOR:	FEE	FEE PAID	FEE	FEE PAID
<input type="checkbox"/> LATE FILING, FEE OR OATH	\$65		\$130	
<input type="checkbox"/> NON-ENGLISH SPECIFICATION	\$130		\$130	
<input type="checkbox"/> OTHER				
SUBTOTAL (3)				

TOTAL FILING FEES: \$854

Check is enclosed in the amount of: \$854

☒ Charge any additional fees required to Deposit Account 19-5029.

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Date: March 19, 2004